Daniel Kong

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EDUCATION

Emory University, Atlanta, Georgia   **May 2020**
Bachelor of Science, Mathematics and Computer Science   GPA: 3.84
- **Relevant Courses:** Linear Algebra, Numerical Analysis, Discrete Structures, Digital Electronics, Computer Organization and Assembly, Data Structures and Algorithms, Database Management

Emory University, Atlanta, Georgia   **May 2021**
Master of Science, Computer Science

TECHNICAL SKILLS

Languages: Proficient in *Java, PHP*; Familiar with *Python, JavaScript, SQL, HTML, CSS, MATLAB*
Technologies: *DigitalOcean Droplets, Flask, Linux/Unix, Git/GitHub*

PROGRAMMING PROJECTS

HackATL 2018 1st Place in Technology Category   September 2018
- Developed the back end of a web app using Flask that processes grocery requests and links users to shoppers
- Interfaced with the object-relational mapper, SQLAlchemy to generate database models and create queries
- Designed and implemented the front end of the web app using Bootstrap, creating a user-friendly interface

Personal Portfolio Website   August 2018
- Developed a personal website showing achievements and technical skills using HTML, CSS, and JavaScript
- Experimented with Flask in order to gain a deeper understanding of back-end web development with Python

WORK EXPERIENCE

Noble Systems   **Atlanta, GA**
Software Engineering Intern   May 2019 – August 2019
- Optimized the loading time of 2 product management applications by implementing AJAX calls using jQuery
- Created updated product repository page that saved over 400 hours of development and administrative time.
- Implemented new Project Trends report, which cut down on over 100 annual administrative reporting hours
- Created administrative authentication page for bug tracking reporting suite, securing the application

Emory Wheel   **Atlanta, GA**
Internal Sales Auditor   March 2018 – May 2019
- Generated $1000 in advertisement sales revenue through the use of communication and persuasive skills
- Audited validity of leads by maintaining contact with vital clients and organizing directory of 100 clients

LEADERSHIP & COMMUNITY INVOLVEMENT

Residential Life and Housing Operations, *Resident Advisor*   May 2019 – Present
- Coordinated 4 community events for 300 residents, which built a thriving community in the residential hall
- Trained for over 75 hours about crisis management skills for sexual assault support and suicide prevention
- Mentored and advised 28 residents about academics as well as appropriate resources tailored to their needs

Break Emory, *Treasurer*   August 2018 – Present
- Spearheaded fundraising efforts by networking with local business owners, raising account balance by 150%
- Established and organized a communal safe space for the breaking community in the Greater Atlanta Area
- Trained 15 beginners in the fundamentals and techniques of breaking, creating a new generation of dancers

Leadership Experience Advising Program, *Program Chair*   August 2017 – May 2019
- Moderated discussions regarding Asian American issues, which gave a voice to an underrepresented people
- Organized annual event, Moonlight Gala, educating over 300 students about Asian cultures and practices
- Instructed 20 Asian students, providing them professional and leadership skills for finding internships

ADDITIONAL INFORMATION

Languages: Working proficiency in Mandarin
Music: Violin (10 years) and Audacity
Other Interests: Super Smash Bros. Melee and Ultimate, kick-boxing